

31223 / 00019
(F-736 DIV)



PATENT

AF/1164
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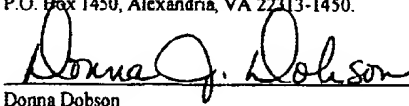
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Guy Debras Confirmation No.: 1189
Serial No.: 09/832,420
Filed: April 10, 2001
Group Art Unit: 1764
Examiner: Alexa A. Doroshenk
Attorney Docket: 31223 / 00019 (F-736 DIV)
For: PRODUCTION OF POLYETHYLENE
Customer No.: 25264

file processed

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

| Certificate of Facsimile Transmission/Mailing | |
|---|---------------------------------|
| I hereby certify that a copy of the papers enclosed herein are being transmitted via facsimile to the Examiner at (703) 872-9306 and a confirmation copy deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | |
|  Donna Dobson | July 8, 2004 Date of Deposit |

SUPPLEMENTAL AMENDMENT UNDER 37 CFR §1.116

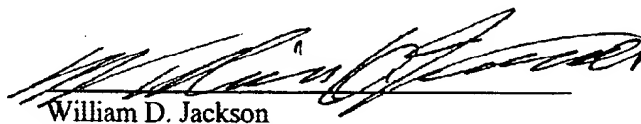
This amendment is filed in response to the Final Office Action mailed April 6, 2004 and is submitted to replace the amendment filed June 3, 2004.

claims clearly distinguishes applicant's invention from the system disclosed in Platz. It is respectfully submitted that one of ordinary skill in the art could, immediately after reading applicant's disclosure, arrive at various different reactor configurations to satisfy the requirement of a reactor for preliminary treatment of a catalyst as involved in applicant's invention.

With respect to applicant's claims 13 and 19, it is respectfully submitted that the reactor 40 of Platz is not a loop-type reactor as called for in these claims. As described in applicant's disclosure, loop-type reactors are continuous polymerization reactors in which the polymerization reaction occurs as the polymerization medium is continuously circulated through the reactor. Such reactors are well known in the art as disclosed, for example, in U.S. Patent No. 4,767,735 to Ewen. The reactors disclosed in Platz are not loop-type reactors as the type disclosed in U.S. Patent No. 4,767,735 to Ewen, but instead are fluidized bed reactors in which polymerization occurs in a standing column with product withdrawn from near the bottom of the column. The "loop" formed by elements 40, 50, 54, 56, 58, 60 and 62 of Platz involves the recirculation of monomer and gas and the removal of a particulate material from the gas for recycle and return to the batch-type reactor. However, the reactor 40 is not a loop-type reactor of the type disclosed and claimed in applicant's invention.

The Commissioner is authorized to charge any fee required in connection with the submission of this document to the Locke Liddell & Sapp LLP deposit account no. 12-1781.

Respectfully submitted,



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Date: July 8, 2004
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